

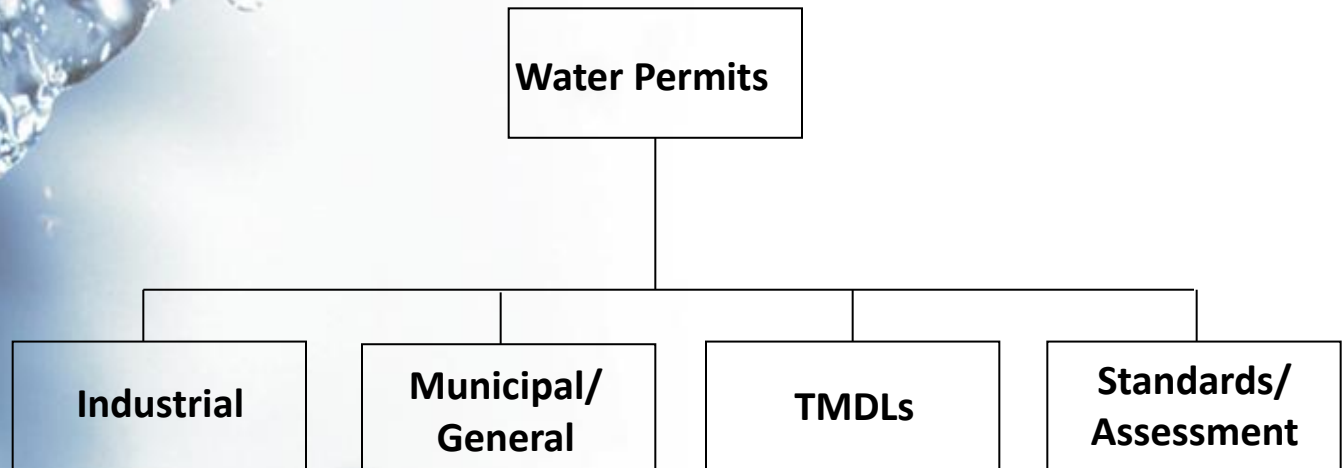


# Water Permitting

**Melvin C. Mitchell, Sr.— Administrator**  
**Office of Environmental Services — Water Permits Division**  
**(225) 219-3197**



# Water Permits Division





# Industrial Water Permits Section

## Facility Type and Assignments

### Group 1

- Organic and Inorganic Chemicals
- Refineries
- Oil & Gas Exploration, Production and Development
- Paper Mills
- Shipbuilding and Repairs
- Mining Operations







# Industrial Water Permits Section

## Facility Type and Assignments

### Group 2

- Coke Calcining
- Food Processing and Preparation
- Bulk Material Blending and Packaging
- Bulk Storage Terminal/Warehouse
- Fabricated Metal Products
- Marine Cargo Handling/Stevedoring
- Oilfield Service Facilities
- Truck Terminal, Industrial Laundry, Grain Elevator, etc.





# **Municipal & General Permits Section**

## **Water Quality Certifications**

### **Facility Type and Assignments**

#### **General Permit Group 1**

- Stormwater General Permits
- Non-Stormwater General Permits (Sanitary, Industrial, Commercial)
- Potable Water Treatment Plants
- CAFOs (Concentrated Animal Feeding Operations)
- 17 Non-Stormwater General Permits
- 4 Stormwater General Permits







# Municipal & General Permits Section

## Facility Type and Assignments

### Municipal Permit Group 2

- POTWs — Publicly Owned Treatment Works
- Private Sanitary Treatment Plants
- Municipal & C&D Landfills
- CWTs — Centralized Waste Treater's
- Commercial Metal Reclaimers





# Louisiana Pollutant Discharge Elimination System (LPDES)



## BACKGROUND



- Louisiana assumed the National Pollutant Discharge Elimination System (NPDES) from EPA Region 6 on August 27, 1996.
- Prior to assumption of the program, permittees were required to hold both a valid State and Federal permit.
- Today all point source discharges of pollutants to waters of the state of Louisiana are required to hold an LPDES permit issued by the Louisiana Department of Environmental Quality (LDEQ).





# LPDES PURPOSE AND SCOPE

- A program that requires permits for the discharge of pollutants/wastewater from any point source into waters of the state.

Point source — any discernable, confined, and discrete conveyance such as a pipe or a ditch.

- Types of permits include:

individual permits that are typically issued to larger municipal and industrial facilities

general permits that are typically issued to small sanitary dischargers and vehicle wash facilities





# The Application Process

**If a complete application for renewal of an existing LPDES permit is submitted 180 days prior to the expiration date , the permit will be administratively continued. LAC 33:IX.2501.D**

**An extension may be request beyond the 180 days prior to the expiration date. However, the extension may not go beyond the expiration date of the permit.**

**If application is not received prior to the expiration date of the permit, the facility will be discharging without an effective permit and subject to enforcement action. LAC 33:IX.2501.D**



# AUTHORIZATION PROCESS for COVERAGE UNDER A GENERAL PERMIT

- LDEQ public notices and issues 'Master' general permit
- Applicant submits Notice of Intent (NOI) — available electronically on LDEQ web page
- Authorization may be automatic or require specific authorization by LDEQ
  - If automatic, authorization is effective within 2 days of submittal of a **complete NOI**
  - Specific authorization normally takes 2-4 weeks after submittal of a **complete NOI**





# The Application Process

Applications for renewal of existing NPDES/LPDES permits must be submitted 180 days prior to the expiration date in order to be administratively continued.

Where can I find permit applications?

[www.deq.louisiana.gov](http://www.deq.louisiana.gov)



Applications are available for download in *Adobe Acrobat* or *Microsoft Word*

To request an application by phone please call the Permits Division at (225) 219-9371



# Receipt of the application in the Permitting Group

Upon receipt of the application in the respective permitting section, the permit writer performs a Technical Review of the application.

During the Technical Review, the permittee may be required to supply additional information. This information may range from a simple yes/no answer to a comprehensive analysis on the effluent.

The permit writer may also request at this time information needed from permits support staff. This includes; maps, pretreatment and biomonitoring recommendations, DMR reviews and receiving stream characteristics.

Upon receipt of all necessary information the permit writer proceeds to complete a file review and process the application into a draft/preliminary draft permit.





# The Review Process

**Draft and Final Permits are sent through the Permit Writer's chain of command for review. This includes the Supervisor, Manager, Technical Staff, Administrator and Assistant Secretary.**

**Major LPDES permits are sent to EPA Region 6 for review at the preliminary draft stage.**



**Upon signature of the Draft Permit by the Assistant Secretary, individual LPDES permits are public noticed in the local newspaper and on the LDEQ mailing list (parish basis).**

# Public Notices



- During the public notice comment period, which lasts 30 days, the permittee and public are afforded the opportunity to comment on the draft permit.
- All LDEQ, Permits Division, Public Notices can be found on our public web site at: <http://www.deq.louisiana.gov>
- If there is significant public response to the draft permit action, a public hearing or public meeting may be held.







# Final LPDES Permits

Upon commencement of the Public Comment Period, the Permit is processed into a Final LPDES permit.

The Final Permit is forwarded through the Permit Writers chain of command.

Final LPDES permits are signed effective on the first day of the month following signature by the Assistant Secretary.

LPDES Permits are effective for 5 years.



# **I Have My LPDES Permit Is that the end?**

**Things you have to deal with:**

**Inspections**

**DMR's**

**Enforcement**

**Biomonitoring**

**Pretreatment**

**TMDLs**

**MWPP**

**Toxics**





# Discharge Monitoring Reports

Blank DMR's and Sample DMR's for general LPDES permits can be found on our public web site at: <http://www.deq.louisiana.gov>:

## DIVISIONS ▾

Environmental Assistance ▶

Surveillance ▶

**Enforcement ▶**

Air Quality Assessment ▶

Water Quality Assessment ▶

Environmental Technology ▶

Remediation Services ▶

Laboratory Services ▶

Financial Services ▶

Human Resources ▶

Legal Affairs ▶

Enforcement Actions

Settlement Agreements ▶

BEP FAQ

Propose A BEP

Air Enforcement

**Water Enforcement**

Underground Storage Tanks

Compliance Training



# LAC 33:IX.1109.A – Antidegradation

- All waters of the state where the existing water quality exceeds the specifications of the applicable water quality standard and supports the existing designated uses shall be maintained.
- The lowering of Water Quality may only be allowed to accommodate justifiable economic and/or social development in areas where the discharge will be located; but....
- Not to the extent of violating the established water quality standard or causing the waterbody to not meet its designated uses.







# IMPAIRED WATER BODIES

- Water bodies not in compliance with water quality standards
- Related terms
  - Total Maximum Daily Load (TMDL)
  - 303(d) List — Section 303(d) of the Clean Water Act
- May result in more stringent discharge limitations — water quality based effluent limits (WQBEL)
- Dischargers to non-impaired water bodies receive the more stringent of technology based effluent limits (TBEL) or WQBEL



# Total Maximum Daily Load

What is a TMDL?

Wasteload Allocation + Load Allocation + Margin of Safety

TMDL =



+



+

**MOS**

Point Sources

Nonpoint Sources

20% of TMDL

All TMDLs become part of the WQMP upon finalization





# Why do TMDLs get into LPDES permits?

BAYOU DES ALLEMANDS WATERSHED TMDL  
FOR BIOCHEMICAL OXYGEN-DEMANDING SUBSTANCES

SUBSEGMENT 020301

SURVEYED SEPTEMBER 9-13, 2002


REVISED TMDL REPORT

By:  
FTN Associates Ltd.

For:  
Engineering Group 2  
Environmental Technology Division  
Office of Environmental Assessment  
Louisiana Department of Environmental Quality

REVISED  
April 30, 2004

PERMIT NUMBER  
LA0008036  
A12922

  
**DEQ**  
LOUISIANA

OFFICE OF ENVIRONMENTAL SERVICES  
**Water Discharge Permit**

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

Cleco Power, LLC  
Rodemacher Power Station  
2030 Donahue Ferry Road  
Pineville, LA 70821

Type Facility: existing steam electric power generating facility  
Location: 275 Rodemacher Road in Lena, Rapides Parish  
Receiving Waters: a tributary to subsegment 100101 of the Red River Basin

Discharge in accordance with effluent limitations, monitoring requirements, and other set forth in Parts I, II, and III attached hereto.

Permit becomes effective on \_\_\_\_\_

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on \_\_\_\_\_

Chuck Carr Brown, Ph.D.  
Assistant Secretary

GALVETZ BUILDING • 602 NORTH 1<sup>ST</sup> STREET • P.O. BOX 4313 • BATON ROUGE, LA 70821-4313 • PHONE (225) 219-5181



# Federal TMDL Regulations

- Clean Water Act Section 303(d)
- EPA Implementing Regulations at 40 CFR Part 130.7
- Upon final EPA approval TMDLs become part of the State Water Quality Management Plan (WQMP) where they are implemented into LPDES permits.





# Implementing TMDLs into an LPDES Permit

- The permit limitations must be established based on the Waste Load Allocation (WLA) given to each individual point source in the TMDL.
- Models for the Lake Pontchartrain Basin are indicating drastic reductions (up to 94%) in permit limitations.



# Information Repositories

- **Water Quality Integrated Report**
  - Divisions/ Water Permits / Water Quality Standards and Assessment/ Water Quality Inventory Section 305(b)/2006 Water Quality Integrated Report
- **Water Quality Management Plan**
  - Divisions/ Water Permits / Water Quality Standards and Assessment/ Water Quality Management Plan/Continuing Plan
- **LDEQ TMDLs**
  - Divisions/ Water Permits/Total Maximum Daily Load Program /TMDL Reports
- **EPA TMDLs**
  - [http://iaspub.epa.gov/waters10/attains\\_index.control?p\\_area=LA](http://iaspub.epa.gov/waters10/attains_index.control?p_area=LA)





# TMDL List Serves

- DEQ developed TMDLs List Serve:  
[http://doa.louisiana.gov/oes/listservpage/ld  
eq\\_tmdl\\_listserv.asp](http://doa.louisiana.gov/oes/listservpage/ld<br/>eq_tmdl_listserv.asp)
- EPA developed TMDL List Serve:  
<http://www.epa.gov/fedrgstr/subscribe.htm>



# Contact Information

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**Water Permits Division**

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**[Mitch.Mitchell@la.gov](mailto:Mitch.Mitchell@la.gov)**





# QUESTIONS???